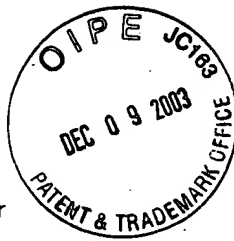


National Aeronautics and
Space Administration

John H. Glenn Research Center
Lewis Field
Cleveland, OH 44135-3191



Patent Application



LEW 16,682-1
(NASA Docket No.)

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THE COMMISSIONER OF PATENTS AND TRADEMARKS

~~Washington, DC 20231~~ P.O. Box 1450, Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an amendment as identified below:

Serial No.: 09/323,650 Filed: June 1, 1999
Examiner: Lydia M. DeJesus Group Art Unit: 2859
For: Rare Earth Optical Temperature Sensor

The fee has been calculated as shown below:

CLAIMS AS AMENDED					
FOR (1)	CLAIMS REMAINING AFTER AMENDMENT (2)	HIGHEST NUMBER PREVIOUSLY PAID FOR (3)	PRESENT EXTRA (4)	RATE (5)	ADDITIONAL FEE (6)
TOTAL CLAIMS — — — — —	* 8	** 17	x 0	x —	= 0
INDEPENDENT CLAIMS — — —	* 4	*** 3	x 1	x \$86	= \$86
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT					\$86

*If the entry in column (2) is less than the entry in column (3), enter "0" in column (4).

**If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter 20 in this space.

***Minimum number here is 3, even though a lesser number appeared in the application as filed.

☐ No additional fee is required.

☒ Please charge our Deposit Account No. 14-0116 shown as "TOTAL ADDITIONAL FEE," above. The Commissioner is hereby authorized to charge an additional fee which may be required to effect the filing of this application under 37 CFR 1.16, or credit any overpayment to Deposit Account No. 14-0116.

December 9, 2003
(Date)

Kent N. Stone #31,883
(Attorney of Record) (Reg. No.)

Sent to Addressee using Express Mailing Label

No. ER 578848699 US on this
9 day of December, 2003.

Kent N. Stone
Kent N. Stone



NASA Case No. LEW 16,682-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: DONALD L. CHUBB, et al

Serial No.: 09/323,650

Art Unit: 2859

Filed: 06/01/1999

Examiner: Lydia M. DeJesus

For: RARE EARTH OPTICAL TEMPERATURE SENSOR

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CERTIFICATE OF MAILING UNDER 37 CFR 1.10(a)

I certify that the attached correspondence consisting of:

- Amendment (7 pages, plus this Certificate);
- Amendment Transmittal Form with Extra Claim Fee Calculation (NASA Form 1557)
- Mailing Receipt Card

is being deposited with the United States Postal Service as "Express Mail Post Office to Addressee" under Mailing Label Number ER 578848699 US in an envelope addressed to the Commissioner for Patents, Mail Stop: Amendment (AF), P.O. Box 1450, Alexandria, VA 22313-1450, on December 9, 2003.

Kent N. Stone

Attorney of Record

Registration No. 31,883